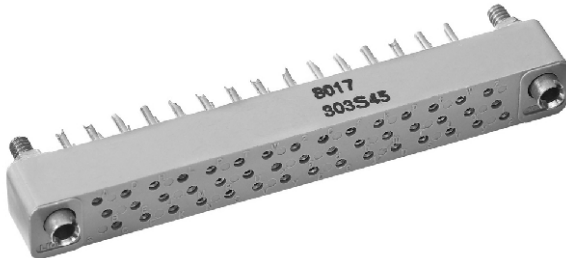


Printed Circuit Dip Solder Connector



APPLICATIONS

For use in equipment requiring printed circuit connectors of the dip solder type with mating female connector.

ELECTRICAL SPECIFICATIONS

Current Rating: 3 A

Breakdown Voltage, Contact to Contact and Contact to Ground:

At sea level: 1200 V_{RMS}

At 70 000 feet: 325 V_{RMS}

FEATURES

- Guide pins polarize connectors and aid in alignment
- Mounting studs provide easy, vibration-resistant mounting to circuit board
- Male contacts molded in. Female contacts float which aids in alignment and enables connectors to withstand vibration
- Long, thin, three-row design requires a minimum of space
- Meets applicable paragraphs of MIL-C-8384

MATERIAL SPECIFICATIONS

Contact: Phosphor bronze, gold plated

Studs, Guides, Washers and Nuts: Corrosion-resistant steel, passivated

Standard Body: Glass-filled diallyl phthalate per MIL-P-19833, type GDI-30 green

PHYSICAL SPECIFICATIONS

Number of Contacts: 45

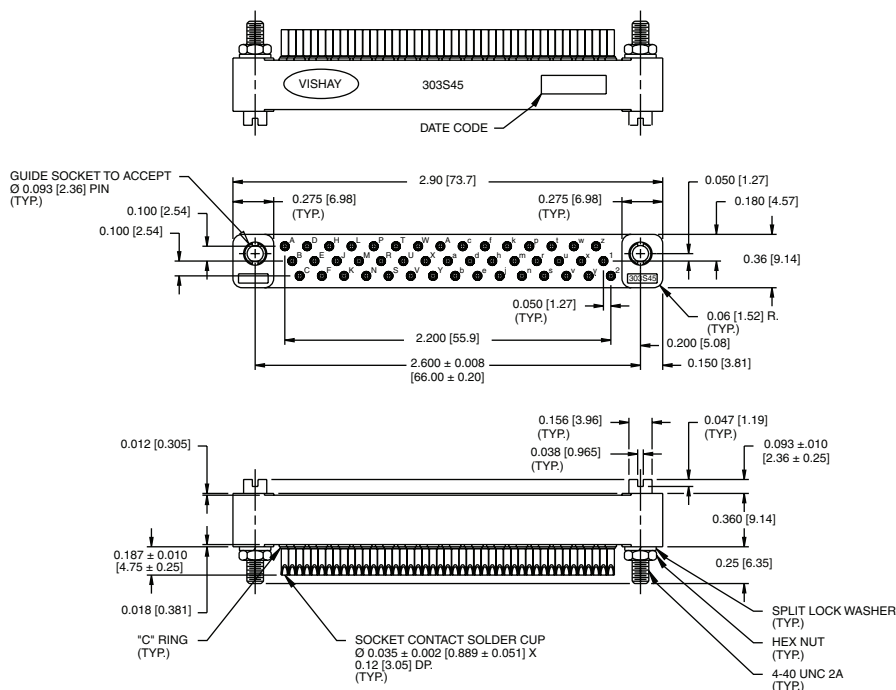
Minimum Creepage between Contacts: 0.06"

Minimum Air Space between Contacts: 0.02"

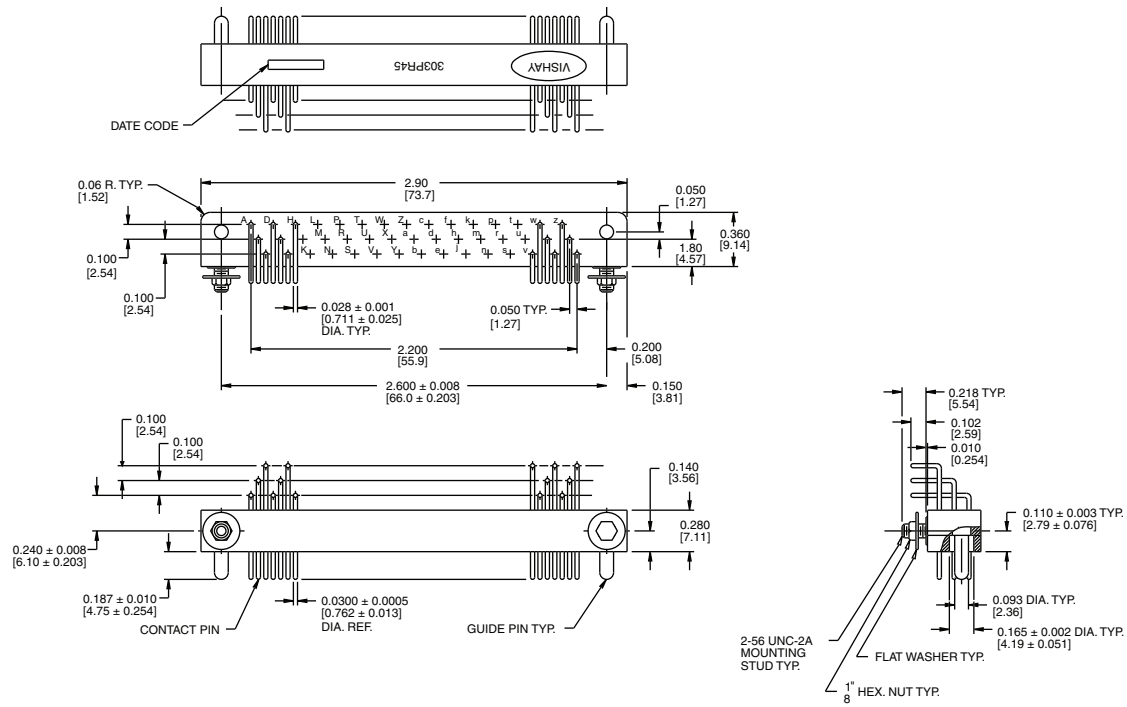
Contacts, Center to Center: 0.050"

Temperature Range: Operating and non-operating; - 62 °C to + 125 °C

DIMENSIONS in inches (millimeters)



DIMENSIONS in inches (millimeters)



ORDERING INFORMATION

303
MODEL

PR
CONTACTS

-45
NUMBER OF CONTACTS

PR = Pin with right angle dip solder terminals
S = Socket



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